

L3 ANSWER 1 OF 1 WPIX COPYRIGHT 2006 THE THOMSON CORP on STN  
AN 1999-541993 [46] WPIX  
DNN N1999-401816 DNC C1999-158452  
TI Dry cold transfer printing medium for applying motifs e.g. onto vehicle  
bodywork, aircraft tail or shop window.  
DC A97 P75 P78  
IN HILLEREAU, J; HILLEREAU, J M  
PA (ADHE-N) ADHETEC SA  
CYC 2

PI DE 19912069 A1 19990923 (199946)\* 13 B44C001-17 <--  
FR 2776236 A1 19990924 (199946) B44C001-17

ADT DE 19912069 A1 DE 1999-1012069 19990318; FR 2776236 A1 FR 1998-3458  
19980320

PRAI FR 1998-3458 19980320

IC ICM B44C001-17

ICS B41M003-12

AB DE 19912069 A UPAB: 19991110

NOVELTY - A dry cold transfer printing medium has a flexible peelable  
backing film (1) with greater adhesion to a transfer pattern (2) than the  
initial adhesion of the pattern (2) to a surface to be marked.

DETAILED DESCRIPTION - A dry cold transfer comprises a backing film  
(1) bearing a marking pattern (2) of screen printed transfer layers (5-7),  
the last of which is a self-adhesive layer (7), and a non-adherent  
protective cover film (4). The novelty is that (a) the backing film (1)  
has a continuous self-adhesive surface (3) for producing an adhesive force  
to the first transfer layer (5) which is greater than the initial  
immediate adhesive force of the self-adhesive surface (8) of the pattern  
(2) to a surface to be marked; and (b) the backing foil is sufficiently  
flexible to allow progressive peeling from the surface.

INDEPENDENT CLAIMS are also included for the following:

(i) a method of applying a marking pattern (2) especially onto a  
smooth rigid surface by removing the protective film (4) from the above  
transfer medium, applying the transfer medium onto a surface to be marked  
and then progressively peeling away the backing film (1);

(ii) production of the above transfer medium by successively screen  
transfer the pattern layers (5-7) onto the non-adhesive face of a  
provisional transfer film, transferring the pattern (2) onto the  
protective film (4) and applying the backing film (1).

USE - For applying motifs especially onto a rigid surface such as a  
vehicle bodywork, an aircraft tail or a shop window.

ADVANTAGE - The transfer medium facilitates pattern application even  
onto overhead surfaces or surfaces of complicated shape without manual  
scraping under pressure, does not require special storage and/or handling  
measures and is more resistant to deformation, folding and pressure than  
conventional transfer media.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic  
cross-sectional view of the transfer medium.

Backing film 1

Transfer pattern 2

Backing foil adhesive face 3

Protective film 4

First transfer layer 5

Intermediate transfer layer 6

Self-adhesive transfer layer 7

Transfer pattern self-adhesive face 8

Backing film non-adhesive face 9

Dwg. 1/7

FS CPI GMPI

FA AB; GI

MC CPI: A12-W07F1